

Googins & Clark

November 2, 1950

Page 3

Most of the above mentioned revisions and instructions are issued to bring this building into conformance with the local and other codes and the building permit will be issued on the revised drawings and subject to compliance with all of the foregoing instructions. You are therefore to consider this letter as an extension and/or revision to the specifications on issued. You are being furnished two additional copies of this letter which you are requested to forward to the electrical and plastering subcontractors for their guidance in carrying out that portion of their work directed. Additional drawings and a more formal addenda to the specifications will be issued subsequently. In the meantime you are requested to furnish this office as soon as possible your proposal for the additional costs for that portion of the work, estimates for which can be obtained from the above information.

Very truly yours,

James C. Saunders

JAMES C. SAUNDERS & ASSOCIATES

JCS:hrs

P.S. A copy of this letter is being sent to the Building Inspector, and will be filed with the plans, specifications, and other pertinent information on which the building permit will be issued.

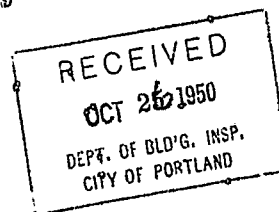
JAMES C. SAUNDERS & ASSOCIATES  
ARCHITECTS AND ENGINEERS

James C. Saunders, A.I.A.

Earle D. Reed, M.E.

October 25, 1950

Mr. Warren McDonald  
City Building Inspector  
City Hall  
Portland, Maine



Dear Mr. McDonald:

Re: Osteopathic Hospital of Maine

This is in reply to your letters of October 12 and 21, in regard to the above captioned job.

At the outset I wish to make it clear that when we submitted certain revised drawings showing fire proofing of steel and certain other revisions to the structure, we did so through a misunderstanding of a conversation which I had with you, and not in an attempt to deliberately evade carrying out the various recommendations and instructions in your letter of October 12.

As you are aware this office has been under terrific pressure from the owners to secure a permit to at least start the excavation and foundation work on this project. Despite your suggestion and the advice of this office and of the contractor, that the project be postponed until spring, the hospital authorities are determined to start this fall. Their reason for doing so does not grow out of any willful stubbornness on their part, but their considered opinion that, in view of the history of adversity that has surrounded this project, and the many delays and frustrations with which it has met, they feel that another delay at this time will have a disastrous effect on the fund raising campaign which is now in progress, and on the other, or positive side, they feel that if the project is in fact under way, this campaign will receive a tremendous impetus. They feel strongly enough about this to agree to additional charges against the contract for delays which will probably be incurred due to the approach of winter weather.

The impression which I received from the conversation which I had with you after receiving your letter of October 12 was that if the important structural matters covered in the first five paragraphs of your letter were adjusted on the drawings you would be able to issue this advance permit and that this office would then proceed, through a letter of explanation to your office and a letter to the general contractor with certain addenda to the specifications, to clear up the multitude of other and more minor deviations from the code.

I hope that the above will to some extent clarify the position of this office and also of the owners in regard to this project. We will now take up your two letters in the same paragraph arrangement that you have used.

477 CONGRESS STREET, PORTLAND 3, MAINE • TELEPHONE 2-3855

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James C. Saunders, A.I.A.

Earle D. Reed, M.E.

Mr. Warrne McDonald

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- ✓ 1. The preformed steel panels have been eliminated and replaced with brick masonry as shown on the revised drawings.
- ✓ 2. Fire proofing of the floor construction will be accomplished by the use of a vermiculite aggregate plaster as specified by Underwriter Laboratories, Inc. Details and instructions of this system will be forwarded to the contractor with a copy to your office.

✓ We have written to the Lally Column Company in Cambridge to get information on fire-proof ratings on their products. In using the fire-proof Lally Column we were guided by a statement in the Lally Column Company's catalogue to the effect that their columns meet requirements of all city codes, but they did not publish a specific underwriter's certificate. We will communicate with your office when we receive a reply to our letter.

- ✓ 3. See paragraph 2 above.

✓ 4. This office will want more time to study the questions raised in this paragraph. There seems to have been a misinterpretation of our detail to some extent in that we do not contemplate running the floor slab through the masonry piers. The section shown on Sheet 5 is taken in front of a typical pier and through the dwarf wall under the large window. This detail we still consider to be sound design practice. The continuity of the slab as it cantilevers out to form the balcony fire escape, lowers the bending moment and we feel adds to the rigidity and stiffness of the structure. The use of a 32" concrete block wall under the window placed on top of this floor construction might be unusual, but we can not feel that it is an unsound arrangement. This wall is not heavy, it has no structural significance and is used only as a barrier against the outdoors. The masonry units were selected for their relative lightness and incombustibility, and in that they receive a 1" coat of cement plaster, satisfy the code for a wall of four hour rating. The general stiffness of this structure which is discussed in the latter part of this paragraph in our opinion meets all reasonable requirements. The two 12" masonry walls are securely tied into 12" cross walls at both ends of the structure. The two twelve inch pilaster in front of the building are then tied back to these walls, each with two ten inch I-beams, securely anchored into the masonry at both ends. The whole is then tied together with a 2½" reinforced concrete slab. Now, whereas we feel that the skeleton of the structure has enough inherent rigidity and stiffness to satisfy all requirements, we do not feel that this slab can be ignored. In order for the front wall to buckle it must not only dislodge the 10" I-Beams by either a pulling or pushing action, but it must also either crush or pull apart this 2½" mat of reinforced concrete. We of course realize that the bar joists which carry this slab are good only for loads applied in a plane perpendicular to their length and we do not count on them for stiffness. The slab itself however

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we regard quite differently and feel that you can not ignore the stiffening effect of its continuous plane. This slab will act as a diaphragm stiffener and can not be analyzed as a series of freely supported simple beams. Failure of this member in tension will occur only after the reinforced steel is ripped apart, and in compression, I suppose, through buckling ruptures. We have not had the courage to attempt to analyze this effect but if you are still not satisfied we shall attempt to do so. In passing it might not be amiss to point out that the new hanger at Limestone, of concrete shell construction with a span of 340 ft. uses a concrete thickness of  $3\frac{1}{2}$ " at the top of the arch. I am not suggesting that we have a similar situation in that the curve of the arch of this hanger follows the bending moment and the stresses are resolved to the plane of the material. I mentioned it only to show the connection between form and strength of structural members. The diaphragm action which we have is perhaps more closely related to the so-called box construction now gaining high favor in England and Europe where a building is put together with a series of slabs both vertical and horizontal and slab thicknesses that rarely exceed 4" to 6".

5. As soon as excavation permits we will furnish details of column and wall footings and our suggestions as to the bearing capacity of the soil. An addenda will be issued to our specification requiring the shells of all cinder concrete blocks to be at least  $\frac{1}{2}$ " in thickness. The rolling steel shutters shown on the drawings carry a Class A. Label. This same shutter is also manufactured with a Class B and Class C. Label. Your remarks regarding the automatic action of the device and your suggestion that it might turn into a guillotine rather than a protective device are not being ignored. This matter of fire separation in hospitals perhaps received more discussion than any other one item at a hospital seminar which I attended last fall. The consensus seemed to favor the item which we have specified. Further study will be given this matter and your office will be kept informed.

7. The enlarged space at the rear end of the basement as indicated in our revised drawings is to be the kitchen. The actual lay-out has not been determined, but we are assured by the hospital authorities that not more than twelve persons will be employed here, and present staff consists of only six persons. The basement entrance will afford one means of egress for this kitchen personnel and hand rails will be installed on both sides of the stairs.

8. We contemplate the use of standard exit lights and an arrangement satisfactory to your office and the Fire Department will be followed. All new stairways have non-slip surface treads and we will undertake to see that existing stairways are similarly equipped.

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9. As assumed in your letter no hardware schedule has been prepared as yet and the contractor carries an allowance in his bid for these items. A hardware schedule will be furnished your office for approval before any purchases are made.
10. The 6" step-down indicated outside of front and end doors of basement wing will not actually occur. It is contemplated that these areas will be paved with flag stone which will be raised to a point not more than customary threshold height below the entrance. As this item will be handled by a separate contractor it is not shown on the drawings. An arrangement satisfactory to your office will be made.
11. Noted. Proper arrangements will be made.
12. The Class B. Fire Door at entrance to boiler room as indicated in the specification will be installed. The Class A. door shown on the plans was noted in error.
13. I am told by the hospital authorities that all of the x-ray film used is of an approved, non inflammable type and that they have satisfied the local Fire Department on this question. The present hospital does not have a private fire alarm box connected to the city alarm system but this and other matters pertaining to the safety of patients and personnel is now being considered by the Fire Department. A set of drawings was furnished them some weeks ago requesting recommendations and best practices in these various matters. The present sprinkler system will be extended to include the new building and a lay-out will be submitted to your office in the near future.
14. We have provided fire-proof storage for anesthetics off the general storage room. I believe that we can show that the laboratory is not a hazardous room but we are still waiting for a statement from the hospital to this effect.
15. We have noted and are in complete agreement with your remarks pertaining to the several stair ways in the building. It is our intention that in the third phase of this reconstruction program which will entail rather extensive alterations to the existing structure to close off these various stairways and in other ways make this portion of the building as fire-safe as possible. As I have stated to you in conversations, if the whole program which we contemplate for the hospital is achieved, all patients will be removed from this old building and housed in the new fire-proof construction. Administrative quarters, operating rooms and other non-continuous occupancies will be established in the old structure.

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16. We are awaiting a ruling from the Fire Chief on this item. In the meantime we assumed that in providing access to the roof from the present building we had met this requirement. This would, however, of course force the fire men to go through the old third class building to gain access and if the chief feels that this offers a hazard some scuttle and ladder arrangement can be made at the far end of the building.

17. No relocation of operating rooms is contemplated. Even with the enlargement this hospital will not be able to accommodate more than seventy five patients at any one time.

18. Noted.

19. Noted and required under our specification. We read with interest your remarks in regard to the voluntary smoke control program and the hospital authorities have agreed to make every possible effort to comply.

We trust that the above has satisfactorily answered the various questions raised in your two letters and also demonstrated that it is not the intention of this office at any time to evade or avoid instructions from your office. It is our intention now as always to design buildings best suited to the owner's requirements within the limitations of their budget and our abilities. Without your extremely cooperative attitude we would frequently find the City Code restrictive but to date we have always been able to work out with your assistance a satisfactory design within the limitations of the Code. The building that we have designed for the hospital does not fit neatly into any of the Code Classifications of structure. This is not unusual with designs from this office and I have a feeling that such will be the case in all such time as the Code has oriented itself to include the developments in material and design that are bound to come. When we consider a forty ton aircraft pulling out of a dive at 4 or 500 M.P.H. and consider the stresses to which its structure is subjected and realize that there is not a structural member in the whole structure which is more than a fraction of an inch in thickness, we realize that buildings as designed for the past seven thousand years are lacking something. High costs of material and labor have driven the architect, perhaps in many cases against his will, to observe his brother designers in some of the other fields and to review his own efforts in the light of what he can see. This has brought about a revolution in building design which is now in only its first phases. This development in the next few years will continue to pose questions to those charged with the responsibility of developing and enforcing building codes. In this office we feel that if the spirit of the code where it pertains to structural safety and to the safety of those people who will be housed in the structure were strictly followed then the mere fact that the arrangement of the various partitions of the building are

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Mr. Warren McDonald

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different from established practices should not lead to a condemnation of the design. We are satisfied that our design for this building is sound and that it represents an efficient and neat use of the various materials employed. I think it would be difficult to conceive of a building where the patients would be more safe and could be evacuated with greater ease, and if in some details it departs from standard practices of masonry bearing wall construction, equally substantial arrangements have been made.

Please let us know at your earliest convenience the steps which this office must take in order to allow the removal of the various restrictions on the permit as issued.

Very truly yours,

*James C. Saunders*  
James C. Saunders

JAMES C. SAUNDERS & ASSOCIATES

JCS:b

*Warren  
Jim sorry this got so long  
Jim*

AP 335 Brighton Avenue-I

October 21, 1950

The Osteopathic Hospital of Maine  
335 Brighton Avenue  
James C. Saunders & Associates  
447 Congress Street  
Gogins & Clark  
46 Portland Street

Gentlemen:

At the outset of recheck of the plans for a new wing at the Osteopathic Hospital, 335 Brighton Avenue (I find no date of revision on the latest plans, but they are prints of Sheets 1 to 8, inclusive, received here on October 17, 1950, and if the contractor has any doubt as to which plans are to be followed under the building permit, he may check his plans against these latest plans received here), I have found at least one feature of importance which does not satisfy Building Code requirements and there may be others. Nevertheless, because of the anxiety of the Hospital Board to get started, I am issuing the permit to the hospital at the direction of the architect, subject to the conditions which follow and also subject to the condition that all important questions raised below which are of such a character that they may be shown on the plans, will be shown on further revisions of the plans, and fresh prints filed here before any of the work above the concrete foundation is commenced. We are taking this unusual step, somewhat contrary to the instructions of the Building Code, so that the job can be gotten underway without delay. If this letter is not understood or if for any reason you are unwilling or unable to abide by the conditions or any other known requirement of law, it is important that you refrain from starting the work and contact this office immediately to see what adjustment can be made. Paragraph numbers will for the most part correspond with those of my letter of October 12, and where the subject matter of a given paragraph has been taken care of on the plans that number will be omitted.

2. The architect has chosen to provide the required 4-hour fireproofing for the spandrel beams in the front wall and for the main cross beams in the floors by means of a plastered ceiling hung so as to afford no less than 2½" between the metal lath and the lower edge of flange of the steel beams, but I have not found a specification for the plaster to afford the required 4-hour protection. The architect should give written instructions to the contractor as to this arrangement by way of addenda to the specifications and let us have a copy, this along with any other kindred matters which can best be handled by written instructions from architect to contractor. The ceiling is required to be of one inch gypsum-vermiculite plaster on metal lath attached so as to provide at least 2½" air space between protected structural members and the lath. Plaster mix, 100 pounds fibered gypsum to 2½ cubic feet vermiculite in scratch coat, 100 pounds to 3½ cubic feet in brown coat, and 100 pounds to 1½ cubic feet in finished coat. All other details are to be as specified for vermiculite plaster aggregate by Underwriters Laboratories, Inc.

The Lally columns in front wall, midway of the span of each spandrel beam are evidently indicated to be "fireproofed" Lally columns. These columns also require 4-hour protection, and I have been unable to find any rating for the standard fireproofed Lally. Perhaps Mr. Saunders has data to support a 4-hour rating for the standard fireproofed Lally column, and will let us have that data. If not it will be necessary for us to investigate further and columns having genuine 4-hour protection will have to be provided whether pipe columns or some other shape. There are quite a variety of ways that such a steel column may be given 4-hour protection and not all of them indicated in the schedule of the Building Code. Unless data can be produced to show that the standard fireproofed Lally column has that amount of resistance, we shall be glad to assist with whatever data we have as to the required fire protection for either pipe columns or H columns.



Hospital of Maine  
Engineers & Associates

October 21, 1950

Where the required 2-hour fire separation wall meets the steel column in the wall of the wing, care must be exercised that the full 2-hour fire separation required for the wall is maintained to the point where it adjoins the 4-hour protection required for the steel column. This is not made clear on the plan. The window will have to be divided at this point, it not being acceptable for the glass to run through by the column. The full fire resistance of the separation must be maintained to the face of the masonry wall.

3. The main floor beams in first and second floors evidently are to be fire-proofed in the same manner as the spandrel beams, and the architect should include specification for this plaster and lath arrangement as in the case of the spandrel beams.

4. It is understood that the rear wall is to be all of combination masonry bonded as for a bearing wall and 12" in thickness through its entire height. I have been unable to determine with certainty just how the front wall is proposed. It appears that the Building Code must look upon the front wall the same as the rear wall as a continuous bearing masonry wall from the top of the foundation to the roof. On that basis it is not allowable to use the dwarf walls beneath the windows as only 8" in thickness. It is my belief that the intent of the Building Code is that this wall shall be built up in the usual manner as a contiguous and integral bearing wall leaving the necessary openings for the windows and doors. It seems to be the clear intent of the Code for such a wall that it shall be built up altogether, the spandrel beams placed at the proper level, the piers are then carried on up and the wall between the piers beneath the windows to bear directly on the steel are to be 12" in thickness. I can see no objection to the steel cross beams in the floors running through the piers and continuing on out to support the outside platform, but there is objection to continuing the floor slabs through the wall and then building the masonry upon the slab, both beneath the openings and at the masonry piers. It seems important that the architect work out this detail and furnish a revised plan to the contractors as well as this office at an early date, certainly before any masonry work is started above the foundation.

I will run the risk of going beyond my duty in something that is not specifically defined in the Building Code, and that is the "stiffness" of the building. Most of us are aware of the great value of steel joist construction with its thin concrete slab over from many angles, but experience has taught that even with the greatest care this type of construction does not afford any great "stiffness" to the general structure. In view of this I look with considerable concern upon these wall openings (more than 20') between brick piers in first and second stories with only a Lally column mid-way. I should think that all concerned would feel much more secure if substantial masonry piers were used instead of the Lally columns. If that should be decided upon the plans should not only be revised but the contractor should apply for an amendment to the permit now issued to cover this detail.

5. I have not found an answer to this question. As soon as the points are known where the footings will not go to ledge, the architect should indicate on the foundation plan with revisions where those points are, the definite design of the footings on the basis of only half of the usual rated bearing capacity of the particular kind of soil found together with an indication of what that soil may be.

6. I have not discovered the answer to this question about the makeup of the separation wall, labelling of fire shutters etc., thickness of shell of concrete blocks.

7 to 19, inc. I have been trying to dictate this letter as I have checked the revised plans against my letter of October 12, and it is quite surprising to find from paragraph no. 7 on that very little if any answer has been given to the many questions raised in these paragraphs. I am required by law to have rather certain indication in

*See drawings  
page 10 of sketch  
this detail*

Hospital of Maine  
Warren & Associates

October 21, 1950

to compliance with the law before a permit is issued.

In view of the above discrepancies and the lack of information as to compliance with the Building Code in all these particulars, and because we are without vital information about the means of egress from the basement of the present building, the arrangement of the present rear wooden outside stairway, it is my duty to limit the permit now issued to the excavation and foundation only for the new wing. The permit is issued, therefore, on that basis, and excluding all other work above the foundation of the wing, all in connection with the existing building and in connection with the ambulance entrance until such time as we have reasonably complete information to show compliance with the Building Code.

If you are unable to accept the permit on that basis, please refrain from starting the work at all.

When the plans and supplementary specifications by way of instruction to the contractor have been completed to show reasonably close compliance with the Building Code, the contractor should file application for amendment to the permit now issued and refrain from doing any work other than that included above in this permit now issued until we can check the revised plans and specifications and approve the amendment.

In the excavation and foundation work authorized by this permit now issued will the architect carry out the matter of bearing soil and design of footings not going to ledge as outlined above?

Very truly yours,

Warren McDonald  
Inspector of Buildings

WMCD/G

Dear Jim:

I can hardly believe yet that there is not some other information other than the 8 revised prints which you furnished to afford an answer to my extensive letter of October 12. Perhaps you intended a letter or some amended specifications or instructions to the contractor to come along with the plans, but I cannot find any. I am certainly sorry that it has turned out this way, and the permit limited as above is the best I can do and issue any permit at all. Perhaps the hospital is getting what you talked of when the plans for the completed building were first submitted here--an advance permit for excavation and foundation only, but I would have much preferred to have it turn out some other way.

Warren McDonald

with  
fall copy

AP 334 Brighton Avenue-I

October 12, 1950

Mr. James C. Saunders  
477 Congress Street  
Portland, Maine

Copy to: The Osteopathic Hospital of Maine  
335 Brighton Avenue  
Extra copy to architect

Dear Mr. Saunders:

As per our telephone conversation, knowing that the Osteopathic Hospital Board are most desirous of getting on with the construction of the new wing at 335 Brighton Avenue, a check was made of plans and specifications against special general requirements for hospitals with the thought that it would be possible to cover any minor discrepancies by supplementary specifications or special instructions to the contractor with a copy to us and thus issue the building permit. When we reached the check of some of the structural parts of the building and fireproofing requirements, however, such substantial discrepancies were found that the original plan had to be abandoned, and we shall have to have revisions of the plans making good these important discrepancies.

Because the latter are the most important I will refer to them first and then go on to the matters of special and general requirements for hospital use.

1. The pre-formed steel panels are not permitted in the rear exterior wall because the panels are not masonry and neither do they afford 4-hour fire resistance.

2. No fire protection is shown around the columns or around the spandrel beams in the exterior walls while both require fireproofing rated at 4-hour fire resistance and because they would support portions of masonry walls. If any of the columns do not help to support masonry walls, they should still be fireproofed with 3-hour fire resistance.

In this connection you have properly shown a 2-hour fire separation wall between the new wing and the present building at each level, but in the section of this fire wall in the front wall at second floor level is a lally column which prevents the fire separation wall being complete. If the 4-hour protection is provided on the lally column and the window divided at that point, the fire separation wall will be complete, extending to the outside face of the front wall of the wing.

3. The main floor beams in first and second floors which extend across the building from pier to pier and support the steel joists also support the masonry partitions dividing the rooms on the floor above. Thus, according to Section 303d2 these beams require 4-hour fireproofing. One common way of accomplishing this is to drop the ceiling beneath these beams a few inches and make that part of the ceiling one inch thick of gypsum-vermiculite plaster on metal lath, suspending the lath to give an air space of  $2\frac{1}{2}$ " between the bottom flange of the beam and the lath, the lowered ceiling to be extended at least  $2\frac{1}{2}$ " beyond the edges of the flanges of the beams.

4. We have discussed briefly the structural stiffness of the walls with its composite of wall and skeleton construction using 12" brick piers between dwarf walls and spandrel beams four or five feet wide with twenty or more foot span of spandrel beams, and it seems to me that the walls—I am speaking particularly of the front wall of the wing and it seems that most likely the rear wall will be now made somewhat like it—be considered as ordinary exterior walls with these rather long openings in them. On this basis their thickness, which I understand to be 12" throughout, satisfies the Code requirements for thickness, but the masonry piers ought to be made continuous as seems to be indicated on the floor framing plans, rather than running the floor slab out over the spandrel beams and supporting the piers in each story upon the floor slab as seems to be indicated at least for the rear wall on the cross section, sheet 5.

October 12, 1950

I had received the impression that all of the foundations were to be carried on ledge, but I note on page 1 says that small columns not extending to ledge have footings 24" x 24" x 2'. If such columns occur in the wing where part of the foundations are upon ledge, it is necessary to bear in mind the provisions of Section 10791 that the footings supported on other than ledge are to be designed for a soil bearing capacity one-half of normal for the type of soil on which they actually rest.

The following items are questions raised under special and general requirements for hospital use, and while considerable in number and in volume, are quite easily handled:

6. The 2-hour fire separation wall between new wing and present building is not only required to separate two classes of construction but is required in first and second stories of wing to provide a "horizontal exit". To qualify for 2-hour fire resistance the cinder blocks should have shells of at least 1½-inch thickness. I have not been able to identify the rolling steel shutters but presume they are of a type approved by the Factory Mutuals Association. That is satisfactory if they bear the label of the Factory Mutuals Laboratories identifying them as Class B. These shutters, of course, have to be locked at each wall in such a manner as to make both a fire and smoke stop. Fire doors or shutters in a wall which constitutes a horizontal exit require that they can be closed easily by hand and also opened easily, so that in an emergency, even a single nurse could close or open the protective quickly to take the best advantage of the particular situation to afford protection for an area of refuge for the occupants of the building. With rolling steel shutters there is also the worry that the fusible element will either be accidentally released from some cause and cause the shutter to drop too quickly upon some person or will injure some person even if actuated by the high temperature of a fire, although in the latter case no person would likely be in such a high temperature. It would be better in many ways if a sliding fire door could be used in these openings, or even swinging fire doors if they could be made tight when in the closed position and still meet the needs of the hospital for good operation.

Perhaps if rolling steel shutters seem the best solution, the kind can be procured which can be opened and closed easily and which when they do close are arranged so that they will not run down with tremendous force.

7. It is not clear what the enlarged space at the rear end of basement of existing building is to be used for where partitions are to be removed. It seems likely however that the adjusted rear basement entrance is required as a means of egress in which case handrails are required on both sides of the stairs, full length. It is also noted that the exterior door directly at the top of these stairs swings into the stairway. If this enlarged space (we would like to know for what purpose it is intended) and the entire space between the existing interior stairs to first floor and this outside entrance would ever accommodate more than twenty persons at a time, the entrance stairway should be set into the basement far enough so as to provide a landing at least as deep as the door is wide at the same level as the threshold of the door, and the door requires a vestibule lockout. If more than fifty persons might be accommodated in these spaces, the door at the top of the stairs and the door at the bottom ought to swing outwards, the top step ought to be at about the level of the threshold and there should be no step-down under the outwards swing of the door.

8. Section 207e9. Standard exit lights are required over all doorways both for egress and ingress and directional exit lights are necessary so that occupants of the building will know unerringly what direction to take. Locations of these exit lights include also basement stairs and two rear exit stairs from basement of existing building and all means of egress and ingress in existing building above the basement. Such exit lights are not necessary over doors leading from patients' doors to the balconies.

**RAYMOND S. OAKES**

**PORTLAND, MAINE**

**December 22, 1949**

**Dr. M. C. Pettapiece  
335 Brighton Avenue  
Portland, Maine**

**Dear Doctor:**

We received notice of the proposed enlargement to the Osteopathic Hospital at its present location on Brighton Avenue. Wife and I discussed it and you may quote us as having no objection.

**Very truly yours,**

*Raymond S. Oakes*  
**RAYMOND S. OAKES**

**GSM**



Portland, Maine  
December 29, 1949

City of Portland, Maine  
Board of Appeals

It is the opinion of this Tax Payer that the proposed two-story addition of fireproof construction to the Osteopathic Hospital of Maine located on 355 Brighton Avenue would in no way be injurious to this neighborhood.

I feel that it would be an improvement and very beneficial to the City at large.

Very truly yours

*Elizabeth H. Reynolds*  
176 Prospect Street,  
Portland 5, Maine



Dec 29 1949

To the Osteopathic Hospital of Maine;

I do not object to the proposed addition to the  
hospital as now planned

*Ethel B. Marton*  
*20 Hillier Road*



WILLIAM M. CROSS, INC.  
*Manufacturing Jewelers - Since 1908*  
515 CONGRESS STREET PORTLAND, MAINE

December 22, 1949

DESIGNERS  
•  
DIAMOND SETTERS  
•  
ENGRAVERS  
•  
CUSTOM MADE  
JEWELRY  
•  
EMBLEMATIC  
PAST OFFICERS  
JEWELS  
LAPEL BUTTONS  
CHARMS  
RINGS  
GIFTS  
•  
DIAMONDS  
•  
WATCHES

Mr. Gerald M. Kelley  
335 Brighton Ave.  
Portland, Maine

Dear Sir:

As I will be unable to attend the coming meeting relative to the enlargement of the Osteopathic Hospital I am taking this means of expressing my feelings in the matter.

My house is on the corner of Brighton Avenue and Bradley Street...not too far from the hospital in question. The past operation of this hospital has never resulted in noise, odors or other disagreeable features to my knowledge. The building compares favorably in appearance with the other houses in the neighborhood and the grounds have always been well kept.

As they maintain their own parking facilities, unlike other hospitals in this city, they create no parking problem whatever. I have never seen cars parked on Brighton Avenue as a result of visitors or the staff of the hospital.

Under these conditions I not only am not adverse to the enlargement and modernization of the Osteopathic Hospital but think that it will be an asset to our neighborhood.

Yours very truly,

*William M. Cross*

LSO/d

Zoning Board  
Portland Me.  
Dear Sir: -

1.2-28-49

I am highly in favor of granting the  
appeal for expansion of the Osteopathic  
Hospital, Brighton Ave. this city.

The hospital is a credit to the City, and  
is much needed by its citizens.

I would personally like very much to  
have this institution grow.

Very truly yours

Carl P. Bradley  
182 Francis St.  
Portland Me.

TELEPHONE 2-7494

ESTABLISHED 1877

**E. G. FODEN COMPANY**  
DISTRIBUTORS OF  
**CIGARS, CIGARETTES, TOBACCO**  
**FOUNTAIN SYRUPS AND CONFECTIONERY**  
150 MIDDLE STREET  
PORTLAND 1, MAINE

Dec 27 1949

True B. Eveleth  
493 Stevens Ave  
Portland Maine

Dear Dr. Eveleth;

This is to confirm our oral conversation  
that I have no objection to the erection of the proposed  
addition to the Osteopathic Hospital at 335 Brighton Ave.

Yours truly,



E. G. Foden Jr.  
14 Highland St.  
Portland Maine

December 29, 1949

Mr. Gerald Kelley  
Business Manager,  
Osteopathic Hospital of Maine,  
335 Brighton Ave.,  
Portland, Me.

Dear Mr. Kelley:

I wish to state that I am in  
favor of the proposed Hospital expansion  
program, at the present Hospital site.

Lowell R. Dumas

---

24 Hallie Rd.  
Portland  
Maine

December 29, 1949

Mr. Gerald Kelley  
Business Manager,  
Orthopedic Hospital Of Maine  
335 Brighton Ave.  
Portland, Me.

Dear Mr. Kelley:

I wish to state that I am not  
opposed to the proposed Hospital expansion  
program.

Fred N. Hooper

185 Ashmont St.

Portland

Maine



367 Brighton Avenue  
Portland Maine  
December 28th, 1949

To the Oseorathic Hospital of Maine,  
Brighton Avenue,  
Portland, Maine.

In regard to the proposed new building of the hospital,  
we are in perfect accord.

Very truly

Evel W. Elliott  
George J. Bennett

December 29, 1949

Mr. Gerald Kelley,  
Business Manager  
Osteopathic Hospital Of Maine,  
335 Brighton Ave.  
Portland, Me.

Dear Mr. Kelley:

I am in full accord with plans for the expansion of the Osteopathic Hospital. I feel Portland is in need of Hospital facilities and feel that this addition to the Hospital will be a benifite to the city.

*Lucy G. Mitchell*  
198 Prospect St.  
Portland, Me.

December 30, 1949

Board of Appeals  
City of Portland  
Portland, Maine

Gentlemen:

This is to advise you that as a resident and tax payer  
at 59 Highland Street, Portland, Maine, I have no objections  
to the proposed building changes at the Osteopathic Hospital  
at 335 Brighton Avenue, Portland, Maine.

Very truly yours,

*John H. Conway*  
John H. Conway

JHC:mc

December 29, 1949

Mr. Gerald Kelley,  
Business Manager,  
Osteopathic Hospital of Maine,  
335 Brighton Ave.,  
Portland, Me.

Dear Mr. Kelley:

I wish to state that I am in favor of the proposed expansion program of the Osteopathic Hospital on the grounds that it will be of definite benefit to the community locally, and the city generally.

*Elizabeth W. Newcomb*

208 Prospect St.,  
Portland, Me.

JOHN D. FITZGERALD  
ATTORNEY AT LAW  
65 EXCHANGE STREET ROOM 508  
PORTLAND 3, MAINE

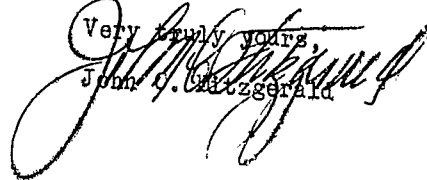
TELEPHONE 3-6156

December 28, 1941

Gerald Kelley, Manager  
Osteopathic Hospital of Maine  
335 Brighton Avenue  
Portland, Maine

Dear Sir:

The purpose of this letter is to put into your records that the owners and occupants of the property at 242 Bradley Street have no objections to the changes to be made on the hospital property.

Very truly yours,  
  
John D. Fitzgerald

174 Prospect Street  
Portland, Maine  
December 23, 1949

Osteopathic Hospital of Maine, Inc.  
335 Brighton Avenue  
Portland, Maine

Gentlemen:

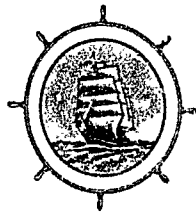
As an owner of property adjacent to your hospital,  
I have no objections to the proposed addition now contemplated by  
your institution.

Very truly yours,

*Donald O. Butler*

Donald O. Butler





## CASCO BANK & TRUST COMPANY

PORTLAND, MAINE

Osteopathic Hospital of Maine, Inc.  
335 Brighton Avenue  
Portland, Maine

Gentlemen:

As an owner of property adjacent to your hospital, I have no objections to the proposed addition now contemplated by your institution.

Very truly yours,

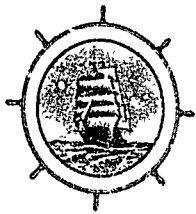
L. F. Timberlake  
74 Highland Street

December 21, 1949

**Merry Christmas**  
*and a*  
**Happy New Year**



BETHEL BRIDGTON BUCKFIELD FRYEBURG LIMERICK SOUTH PARIS SOUTH PORTLAND WEST BUXTON WOODFORDS



**CASCO BANK & TRUST COMPANY**

PORTLAND, MAINE

December 21, 1949

Osteopathic Hospital of Maine, Inc.  
335 Brighton Avenue  
Portland, Maine

Gentlemen:

As an owner of property adjacent to your hospital, I have no objections to the proposed addition now contemplated by your institution.

Very truly yours,

*Elmer F. Clark*  
Elmer F. Clark  
60 Highland Street

**Merry Christmas**  
and a  
**Happy New Year**



BETHEL BRIDGTON BUCKFIELD FRYEBURG LIMERICK SOUTH PARIS SOUTH PORTLAND WEST BUXTON WOODFORDS

CITY OF PORTLAND, MAINE

BOARD OF APPEALS

December 27, 1949

Osteopathic Hospital of Maine, Inc.  
335 Brighton Avenue  
Portland, Maine

Gentlemen:

The Board of Appeals will hold a public hearing  
in the Council Chamber, City Hall, Portland, Maine  
on Friday, December 30, 1949 at 10:30 a. m. to hear  
your appeal under the Zoning Ordinance.

Please be represented at this hearing in  
support of your appeal.

Very truly yours,

Board of Appeals

Edward T. Colley

Chairman

M

CITY OF PORTLAND, MAINE  
BOARD OF APPEALS

December 20, 1949

TO WHOM IT MAY CONCERN:

The board of appeals will hold a public hearing in the Council Chamber, City Hall, Portland, Maine on Friday, December 30, 1949 at 10:30 a. m. to hear the appeal of the Osteopathic Hospital of Maine requesting exception to the Zoning Ordinance to permit erection of a two-story addition of fireproof construction, about 20' x 65', to their hospital at 335 Brighton Avenue.

This permit is presently not issuable because this property is located in a Residence AA Zone where a hospital is not an allowable use, but is allowed to continue as a non-conforming use. However, section 14A of the Ordinance provides that no non-conforming building shall be increased in volume.

This appeal is taken under Section 18B of the zoning ordinance which provides that the Board of Appeals, by unanimous vote of its members, may permit exceptions in specific cases so as to grant reasonable use of property where necessary to avoid confiscation and without substantially departing from the intent and purpose of the Zoning Ordinance, subject always to the rule that said Board shall give due consideration to promoting public health, safety, convenience and welfare, encouraging the most appropriate use of land and conserving property values, that it shall permit no building or use injurious, noxious, offensive or detrimental to a neighborhood, and that it shall prescribe appropriate conditions and safeguards in each case.

All persons interested either for or against this appeal will be heard at the above time and place, this notice of required public hearing having been sent to the owners of property within 500 feet of the premises in question as required by law.

BOARD OF APPEALS

Edward T. Colley

Chairman

M

WARREN McDONALD  
INSPECTOR OF BUILDINGS

CITY OF PORTLAND, MAINE

Department of Building Inspection

For reply refer  
to file 335 Brighton Avenue-1

December 15, 1949

Osteopathic Hospital of Maine, Inc. - Subject: Application for building permit  
335 Brighton Avenue to cover construction of 2-story addition  
Portland, Maine of fireproof construction for Osteo-  
pathic Hospital of Maine, Inc. at 335  
Brighton Avenue; and proposed zoning  
appeal relating thereto

Gentlemen:

The building permit to cover construction of a 2-story addition of fireproof construction, about 26' x 55' for Osteopathic Hospital of Maine, Inc. to be used as an enlargement of the present hospital, is not issuable under the Zoning Ordinance because the property is in a Residence A1 Zone where a hospital is not an allowable use, according to section 13A of the Ordinance, and therefore any increase in volume of the present non-conforming hospital building is not allowable under section 14A of the Ordinance which provides: "No non-conforming building shall be increased in volume."

Mr. Benson has indicated your desire to seek an exception from the Board of Appeals; so there is enclosed therefore an outline of the appeal procedure.

If you would like the matter to come before public hearing of the Board of Appeals at the earliest possible time, the appeal should be filed in the office of Corporation Counsel no later than Friday, December 16, 1949.

Very truly yours,

Warren McDonald  
Inspector of Buildings

W McD/G

Enclosure: Outline of appeal procedure

cc: Mr. Clinton W. Benson with outline of appeal procedure  
Falmouth Road  
Falmouth, Maine

Mark Barrett  
Assistant Corporation Counsel

COPY

Asst  
Se  
Glen

0744

(RAA) RESIDENCE ZONE - AA

# APPLICATION FOR PERMIT

Class of Building or Type of Structure First Class

Portland, Maine, December 15, 1949

*Plans destroyed*



To the INSPECTOR OF BUILDINGS, PORTLAND, MAINE

The undersigned hereby applies for a permit to erect ~~alter or repair~~ ~~the following~~ ~~structure~~ ~~and~~ ~~work~~ in accordance with the Laws of the State of Maine, the Building Code and Zoning Ordinance of the City of Portland, plans and specifications, if any, submitted herewith and the following specifications:

Location 335 Brighton Avenue Within Fire Limits? no Dist. No. \_\_\_\_\_  
 Owner's name and address Osteopathic Hospital of Maine, Inc., 335 Brighton Avenue Telephone \_\_\_\_\_  
 Lessee's name and address \_\_\_\_\_ Telephone \_\_\_\_\_  
 Contractor's name and address Not Let Telephone \_\_\_\_\_  
 Architect \_\_\_\_\_ Specifications \_\_\_\_\_ Plans yes No. of sheets 5  
 Proposed use of building Hospital No. families \_\_\_\_\_  
 Last use \_\_\_\_\_ No. families \_\_\_\_\_  
 Material wood No. stories 3 Heat \_\_\_\_\_ Style of roof \_\_\_\_\_ Roofing \_\_\_\_\_  
 Other buildings on same lot \_\_\_\_\_  
 Estimated cost \$ \_\_\_\_\_ Fee \$ \_\_\_\_\_

### General Description of New Work

To construct 2-story ~~large~~ addition on westerly side of building 26' x 65' as per plans.

This application is preliminary to get settled the question of zoning appeal. In event the appeal is sustained, the applicant will furnish complete information, the estimated cost and will pay legal fee.

*12/30/49*

It is understood that this permit does not include installation of heating apparatus which is to be taken out separately by and in the name of the heating contractor. **PERMIT TO BE ISSUED TO**

### Details of New Work

Is any plumbing involved in this work? \_\_\_\_\_ Is any electrical work involved in this work? \_\_\_\_\_  
 Height average grade to top of plate \_\_\_\_\_ Height average grade to highest point of roof \_\_\_\_\_  
 Size, front \_\_\_\_\_ depth \_\_\_\_\_ No. stories \_\_\_\_\_ solid or filled land? \_\_\_\_\_ earth or rock? \_\_\_\_\_  
 Material of foundation \_\_\_\_\_ Thickness, top \_\_\_\_\_ bottom \_\_\_\_\_ cellar \_\_\_\_\_  
 Material of underpinning \_\_\_\_\_ Height \_\_\_\_\_ Thickness \_\_\_\_\_  
 Kind of roof \_\_\_\_\_ Rise per foot \_\_\_\_\_ Roof covering \_\_\_\_\_  
 No. of chimneys \_\_\_\_\_ Material of chimneys \_\_\_\_\_ of lining \_\_\_\_\_ Kind of heat \_\_\_\_\_ fuel \_\_\_\_\_  
 Framing lumber—Kind \_\_\_\_\_ Dressed or full size? \_\_\_\_\_  
 Corner posts \_\_\_\_\_ Sills \_\_\_\_\_ Girt or ledger board? \_\_\_\_\_ Size \_\_\_\_\_  
 Girders \_\_\_\_\_ Size \_\_\_\_\_ Columns under girders \_\_\_\_\_ Size \_\_\_\_\_ Max. on centers \_\_\_\_\_  
 Studs (outside walls and carrying partitions) 2x4-16" O. C. Bridging in every floor and flat roof span over 8 feet.  
 Joists and rafters: 1st floor \_\_\_\_\_, 2nd \_\_\_\_\_, 3rd \_\_\_\_\_, roof \_\_\_\_\_  
 On centers: 1st floor \_\_\_\_\_, 2nd \_\_\_\_\_, 3rd \_\_\_\_\_, roof \_\_\_\_\_  
 Maximum span: 1st floor \_\_\_\_\_, 2nd \_\_\_\_\_, 3rd \_\_\_\_\_, roof \_\_\_\_\_  
 If one story building with masonry walls, thickness of walls? \_\_\_\_\_ height? \_\_\_\_\_

### If a Garage

No. cars \_\_\_\_\_ on same lot \_\_\_\_\_, to be accommodated \_\_\_\_\_ number commercial cars to be accommodated \_\_\_\_\_ done other than minor repairs to cars habitually stored in the proposed building? \_\_\_\_\_

### Miscellaneous

Will work require disturbing of any tree on a public street? no  
 Will there be in charge of the above work a person competent to see that the State and City requirements pertaining thereto are observed? yes

Osteopathic Hospital of Maine, Inc.

by: Clinton W. Benson



AP 335 Brighton Avenue-I

December 15, 1949

Osteopathic Hospital of Maine, Inc.  
335 Brighton Avenue  
Portland, Maine

Subject: Application for building permit  
to cover construction of 2-story addition  
of fireproof construction for Osteo-  
pathic Hospital of Maine, Inc. at 335  
Brighton Avenue; and proposed zoning  
appeal relating thereto

Gentlemen:

The building permit to cover construction of a 2-story addition of fireproof construction, about 26' x 55' for Osteopathic Hospital of Maine, Inc. to be used as an enlargement of the present hospital, is not issuable under the Zoning Ordinance because the property is in a Residence "A" Zone where a hospital is not an allowable use, according to Section 13A of the Ordinance, and therefore any increase in volume of the present non-conforming hospital building is not allowable under Section 14A of the Ordinance which provides: "No non-conforming building shall be increased in volume."

Mr. Benson has indicated your desire to seek an exception from the Board of Appeals; so there is enclosed therefore an outline of the appeal procedure.

If you would like the matter to come before public hearing of the Board of Appeals at the earliest possible time, the appeal should be filed in the office of Corporation Counsel no later than Friday, December 16, 1949.

Very truly yours,

Warren McDonald  
Inspector of Buildings

WJG/C

Enclosure: Outline of appeal procedure

CC: Mr. Clinton W. Benson with outline of appeal procedure  
Falmouth Road  
Falmouth, Maine

Mark Barrett  
Assistant Corporation Counsel

**Memorandum from Department of Building Inspection, Portland, Maine**

335 Brighton Avenue—Alterations in first story of hospital for  
Osteopathic Hospital of Maine by Benson &  
Grant—6/20/47

To Owner & Contractor:

Care should be taken to see that the sprinkler heads of the automatic sprinkler system are adjusted, if necessary, so that the relative location with regard to the partitions after the change will comply with the standard rules for spacing and protection.

WMCD/S

CO: Osteopathic Hospital of Maine  
335 Brighton Avenue

**(Signed) Warren McDonald**  
**Inspector of Buildings**



# APPLICATION FOR PERMIT

Class of Building or Type of Structure Third Class

Portland, Maine, June 29, 1947

01440  
JUN 20 1947

To the INSPECTOR OF BUILDINGS, PORTLAND, MAINE

The undersigned hereby applies for a permit to erect alter repair ~~and~~ install the following building structure equipment in accordance with the Laws of the State of Maine, the Building Code and Zoning Ordinance of the City of Portland, plans and specifications, if any, submitted herewith and the following specifications:

Location 335 Brighton Avenue Within Fire Limits? no Dist. No. \_\_\_\_\_

Owner's name and address Osteopathic Hospital of Maine, 335 Brighton Ave. Telephone \_\_\_\_\_

Lessee's name and address \_\_\_\_\_ Telephone \_\_\_\_\_

Contractor's name and address Benson & Grant, 19 Vannah Avenue Telephone 3-9521

Architect \_\_\_\_\_ Specifications \_\_\_\_\_ Plans no No of sheets \_\_\_\_\_

Proposed use of building Hospital No. families \_\_\_\_\_

Last use \_\_\_\_\_ No. families \_\_\_\_\_

Material frame No. stories 3 Heat \_\_\_\_\_ Style of roof \_\_\_\_\_ Roofing \_\_\_\_\_

Other buildings on same lot \_\_\_\_\_

Estimated cost \$ 200 Fee \$ 1.00

### General Description of New Work

To relocate existing non-bearing partition to enlarge toilet room, first floor.  
Studs 2x3, 16" O.C., sheetrock both sides.

Permit Issued with MEMO **CERTIFICATE OF OCCUPANCY REQUIREMENT IS WAIVED**

It is understood that this permit does not include installation of heating apparatus which is to be taken out separately by and in the name of the heating contractor.

### Details of New Work

Is any plumbing involved in this work? \_\_\_\_\_ Is any electrical work involved in this work? \_\_\_\_\_

Height average grade to top of plate \_\_\_\_\_ Height average grade to highest point of roof \_\_\_\_\_

Size, front \_\_\_\_\_ depth \_\_\_\_\_ No. stories \_\_\_\_\_ solid or filled land? \_\_\_\_\_ earth or rock? \_\_\_\_\_

Material of foundation \_\_\_\_\_ Thickness, top \_\_\_\_\_ bottom \_\_\_\_\_ cellar \_\_\_\_\_

Material of underpinning \_\_\_\_\_ Height \_\_\_\_\_ Thickness \_\_\_\_\_

Kind of roof \_\_\_\_\_ Rise per foot \_\_\_\_\_ Roof covering \_\_\_\_\_

No. of chimneys \_\_\_\_\_ Material of chimneys \_\_\_\_\_ of lining \_\_\_\_\_ Kind of heat \_\_\_\_\_ fuel \_\_\_\_\_

Framing lumber—Kind \_\_\_\_\_ Dressed or full size? \_\_\_\_\_

Corner posts \_\_\_\_\_ Sills \_\_\_\_\_ Girt or ledger board? \_\_\_\_\_ Size \_\_\_\_\_

Girders \_\_\_\_\_ Size \_\_\_\_\_ Columns under girders \_\_\_\_\_ Size \_\_\_\_\_ Max. on centers \_\_\_\_\_

Studs (outside walls and carrying partitions) 2x4-16" O. C. Bridging in every floor and flat roof span over 8 feet.

Joists and rafters: 1st floor \_\_\_\_\_, 2nd \_\_\_\_\_, 3rd \_\_\_\_\_, roof \_\_\_\_\_

On centers: 1st floor \_\_\_\_\_, 2nd \_\_\_\_\_, 3rd \_\_\_\_\_, roof \_\_\_\_\_

Maximum span: 1st floor \_\_\_\_\_, 2nd \_\_\_\_\_, 3rd \_\_\_\_\_, roof \_\_\_\_\_

If one story building with masonry walls, thickness of walls? \_\_\_\_\_ height? \_\_\_\_\_

### If a Garage

No. cars now accommodated on same lot \_\_\_\_\_, to be accommodated \_\_\_\_\_ number commercial cars to be accommodated \_\_\_\_\_

Will automobile repairing be done other than minor repairs to cars habitually stored in the proposed building? \_\_\_\_\_

APPROVED:  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

### Miscellaneous

Will work require disturbing of any tree on a public street? no

Will there be in charge of the above work a person competent to see that the State and City requirements pertaining thereto are observed? yes

Permit Issued with MEMO

*Benson & Grant*  
*Osteopathic Hospital*  
*Charles M. Benson*

Signature of owner By: \_\_\_\_\_

INSPECTION COPY



FILL IN AND SIGN WITH INK

APPLICATION FOR PERMIT FOR HEATING, COOKING OR POWER EQUIPMENT

PERMIT ISSUED 02532 DEC 21 1946

S-9320

Portland, Maine

To the INSPECTOR OF BUILDINGS, PORTLAND, ME.

The undersigned hereby applies for a permit to install the following heating, cooking or power equipment in accordance with the Laws of Maine, the Building Code of the City of Portland, and the following specifications:

Location 335 Brighton Ave. Use of Building Pathological Hospital. New Building Existing "
Name and address of owner of appliance Pathological Hospital of Maine 335 Brighton Ave.
Installer's name and address Ballard Oil & Equipment 135 Marginal Telephone 2-1991

General Description of Work

To install 1 - Johnson Automatic heat - fully automatic oil burner. Reinstallation.

IF HEATER, OR POWER BOILER

Location of appliance or source of heat. Type of floor beneath appliance. If wood, how protected? Kind of fuel. Minimum distance to wood or combustible material, from top of appliance or casing top of furnace. From top of smoke pipe. From front of appliance. From sides or back of appliance. Size of chimney flue. Other connections to same flue. If gas fired, how vented? Rated maximum demand per hour.

IF OIL BURNER

Name and type of burner 1 - Johnson Automatic heat. Will operator be always in attendance? No. Does oil supply line feed from top or bottom of tank? Top. Type of floor beneath burner Cement. Location of oil storage Basement. Number and capacity of tanks Heating Tank. If two 275-gallon tanks, will three-way valve be provided? If two tanks fire proofed? How many tanks fire proofed?

IF COOKING APPLIANCE

Location of appliance. Kind of fuel. Type of floor beneath appliance. If wood, how protected? Minimum distance to wood or combustible material from top of appliance. From front of appliance. From sides and back. From top of smokepipe. Size of chimney flue. Other connections to same flue. Is hood to be provided? If so, how vented? If gas fired, how vented? Rated maximum demand per hour.

MISCELLANEOUS EQUIPMENT OR SPECIAL INFORMATION

Amount of fee enclosed? 1.00 (\$1.00 for one heater, etc., 50 cents additional for each additional heater, etc., in same building at same time.)

APPROVED: Dec 20 1946 [Signature]

Will there be in charge of the above work a person competent to see that the State and City requirements pertaining thereto are observed?

INSPECTION COPY

Signature of Installer Ballard Oil & Equipment [Signature]